NEOPOR® GPS Insulation Board by AMERIPOR

SCREENING DATE: 2026-07-02
PUBLISHED DATE: 2026-07-02
EXPIRY DATE: 2029-07-02
PREPARER: Self-Prepared

Health Product Declaration v3.0
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 697758720
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 07 21 00 Thermal Insulation
PRODUCT TYPE: Slab And Board Thermal Insulation, Expanded Polystyrene
PRODUCT DESCRIPTION: NEOPOR® GPS insulation boards are graphite-enhanced polystyrene rigid foam products designed to deliver high thermal performance, energy efficiency, and dependable building-envelope protection in a lightweight and easy-to-install format. The product's distinctive silver-gray color comes from high-purity graphite, which reflects and absorbs radiant energy, helping reduce thermal conductivity and increase insulating value compared with conventional EPS insulation. Easy to cut, handle, and install without special tools or equipment, NEOPOR GPS-based products provide reliable thermal insulation while contributing to improved occupant comfort, reduced energy consumption, and enhanced long-term building performance. Alternative names for products made of Neopor include: Neopor GPS board, IntegraBoard, IntegraPanel, IntegraTherm.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
→ Basic Method

Threshold Disclosed Per
→ Product

Threshold Level
→ 100 ppm

Residuals/Impurities Evaluation
→ Completed

Explanation(s) provided :
Yes

For all contents above the threshold, the manufacturer has:

Characterized Yes
Provided weight and role.

Screened Yes
Provided screening results using HPDC-approved methods.

Identified Yes
Provided name and CAS RN or other identifier.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY* GREENSCREEN SCORE | HAZARD TYPE

NEOPOR® GPS INSULATION BOARD [POLYSTYRENE LT-UNK **GRAPHITE** LT-UNK | CAN **BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE, BROMINATED** LT-1 | PBT **]**

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: GreenGuard - Gold (previously Children & Schools)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.
Pre-checked for LEED v5 Human Health 1.

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- *Basic Inventory method with Product-level threshold.*
- *Nested Material Inventory method with Product-level threshold*
- *Nested Material Inventory method with individual Material-level thresholds*

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

NEOPOR® GPS INSULATION BOARD

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were assessed as part of the inventory process. The evaluation determined that no residual or impurity substances are present in the product at concentrations greater than the applicable reporting threshold of 100 ppm.

OTHER PRODUCT NOTES: The insulation boards covered by this HPD are finished expanded polystyrene (EPS) products. Blowing agents used during the foam expansion process are consumed and dissipate during manufacturing and curing and are not intentionally present in the final insulation boards. As a result, blowing agents are not considered constituents of the finished product represented in this HPD.

POLYSTYRENE ID: 9003-53-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-07-02 9:56:04**

%: **94.0000 - 95.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Insulator**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance

SUBSTANCE NOTES: Polystyrene makes up the majority of the insulation board and provides its thermal insulation properties and lightweight structure. The material is supplied in a pre-foamed state; therefore, blowing agents used during foam expansion are not present in the finished product.

GRAPHITE ID: 7782-42-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-07-02 9:56:04**

%: **3.0000 - 7.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Reflectance**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Flame Retardants

SUBSTANCE NOTES: Graphite is added to the polystyrene matrix to improve thermal insulation performance by reducing radiant heat transfer through the material.

BENZENE, ETHENYL-, POLYMER WITH 1,3- BUTADIENE, BROMINATED ID: **1195978-93-8**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-07-02 9:56:05**

%: **0.1000 - 1.0000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Flame Retardants
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025 Red List substances to avoid in Living Building Challenge V4.0 projects
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Restrictions on Chemical and Functional Use Classes

SUBSTANCE NOTES: A polymeric brominated flame retardant to to improve fire performance of the insulation board.

Section 3: Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	GreenGuard - Gold (previously Children & Schools)	
COMPLIANCE TYPE: Third-party certification **CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:** UL Verification Services Inc. **COMPLIANCE DETAILS:** **COMPLIANCE SCOPE:** **APPLICABLE FACILITIES:** Florham Park , NJ **COMPLIANCE URL:** https://spot.ul.com/main-app/products/detail/5ad1e81d55b0e82d946a094a?page_type=Products%20Catalog **COMPLIANCE NOTES:** Certificate Number 5253-420	**ISSUE DATE:** 2008-04-21	**EXPIRY DATE:** 2026-10-08

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

Available under several product names, including Neopor GPS Board, IntegraBoard, IntegraPanel, and IntegraTherm, these graphite-enhanced insulation products are engineered to meet the performance requirements of a wide range of building-envelope applications. Neopor GPS Board serves as a versatile continuous insulation solution for residential and commercial wall assemblies. IntegraBoard is designed for exterior continuous insulation applications, helping improve thermal efficiency and minimize thermal bridging. IntegraPanel combines high-performance insulation with prefabricated panel systems to support streamlined construction and enhanced building performance. IntegraTherm is optimized for wall assemblies requiring superior thermal resistance, energy efficiency, and effective moisture management. Together, these products provide flexible insulation solutions that contribute to durable, high-performing, and energy-efficient building envelopes.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **AMERIPOR**
ADDRESS: **484 Williamsport Pike**
Suite 160
Martinsburg, WV 25404
COUNTRY: **United States**

WEBSITE: **https://neopor-insulation.com**
CONTACT NAME: **Emmanuel Chavarria**
TITLE: **Business Development Manager**
PHONE: **(973) 519-3991**
EMAIL: **emmanuel.chavarria@ameripor.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
LAN Land toxicity
MAM Mammalian/systemic/organ toxicity
MUL Multiple
NEU Neurotoxicity
NF Not found on Priority Hazard Lists
OZO Ozone depletion
PBT Persistent, bioaccumulative, and toxic
PHY Physical hazard (flammable or reactive)
REP Reproductive
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown
NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / **Material Threshold** Substances listed within each material per threshold indicated per material
Nested Method / **Product Threshold** Substances listed within each material per threshold indicated per product
Basic Method / **Product Threshold** Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard is not:

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.